

Accu-Chek® Performa

# An easy and accurate meter for blood glucose monitoring

## Key points:

- Accurate- fully meets accuracy criteria of ISO 15197:2015 (15197:2013)
- Meter holds 500 tests within the memory, results cannot be altered or deleted
- No coding
- No initial set-up required
- Post-meal reminder
- Pre- and post-meal markers and averages
- 7, 14, 30 & 90 day averages
- Virtually pain free lancing - contains the Accu-Chek FastClix finger pricker
- Meter range of 0.6-33.3 mmol/L
- Approx 5 seconds to test

£7.50  
for  
50 strips

**Uses:** Accu-Chek Performa strips - £7.50 for 50 on the Drug Tariff

**Test strip stability:** 18 months after production date

**A starter pack contains everything a patient needs to get started straight away, including test strips and lancets.**



*Roche Diabetes Care products offer quality and accuracy from the market leading brand, with over 40 years' experience in diabetes care. We partner with healthcare customers using best in class implementation to create prescribing efficiencies that add value to diabetes care within health economies.*

If you are interested in learning more about how Roche Diabetes Care can support with formulary implementation contact our dedicated support team on: UK **0800 0407221**

See overleaf for system accuracy data >

# Accuracy you can trust

## System accuracy:

System accuracy results for glucose concentrations less than 5.55 mmol/L

within $\pm 0.28$ mmol/L	within $\pm 0.56$ mmol/L	within $\pm 0.83$ mmol/L
137/168 (81.5 %)	163/168 (97.0 %)	167/168 (99.4 %)

System accuracy results for glucose concentrations equal to or greater than 5.55 mmol/L

within $\pm 5$ %	within $\pm 10$ %	within $\pm 15$ %
256/432 (59.3 %)	393/432 (91.0 %)	428/432 (99.1 %)

System accuracy results for glucose concentrations between 0.67 mmol/L and 29.1 mmol/L

within $\pm 0.83$ mmol/L or within $\pm 15$ %
595/600 (99.2 %)

## Repeatability:

Mean value [mmol/L]	2.4	5.0	6.8	10.4	17.4
Standard deviation [mmol/L]	0.1	0.2	0.2	0.4	0.6
Coefficient of variation [%]	—	—	3.5	3.9	3.7

## Intermediate precision:

Mean value [mmol/L]	2.5	6.6	17.2
Standard deviation [mmol/L]	0.09	0.2	0.3
Coefficient of variation [%]	—	2.3	2.0



For more information  
[RocheDiabetes.co.uk](http://RocheDiabetes.co.uk)  
[RocheDiabetes.ie](http://RocheDiabetes.ie)

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[www.accu-chek.co.uk](http://www.accu-chek.co.uk) [www.accu-chek.ie](http://www.accu-chek.ie)

## Performance assessment by the user:

A study evaluating glucose values from fingertip capillary blood samples obtained by 209 lay persons showed the following results:

- For glucose concentrations less than 5.55 mmol/L, 97.6 % of the test results were within  $\pm 0.83$  mmol/L of the results obtained through laboratory testing.
- For glucose concentrations equal to or greater than 5.55 mmol/L, 97.0 % of the test results were within  $\pm 15$  % of the results obtained through laboratory testing.

## Test principle:

The enzyme on the test strip, mutant variant of quinoprotein glucose dehydrogenase (Mut. Q-GDH) from *Acinetobacter calcoaceticus*, recombinant in *E. coli*, converts the glucose in the blood sample to gluconolactone. This reaction creates a harmless DC electrical current that the meter interprets for the blood glucose result. The sample and environmental conditions are evaluated using AC and DC signals.



**ACCU-CHEK**<sup>®</sup>